

IN THE CLAIMS

Please amend the claims as follows. This listing replaces all prior versions.

1-18. (Canceled)

19. (Withdrawn) A mutant AL1 protein comprising an amino acid sequence selected from the group consisting of SEQ ID NO:17 (K144), SEQ ID NO:18 (E145), SEQ ID NO:19 (E146), SEQ ID NO:20 (EE146), SEQ ID NO:21 (A147Y), SEQ ID NO:22 (L148), SEQ ID NO:23 (L148V), SEQ ID NO:24 (L148G), SEQ ID NO:109 (L145A), SEQ ID NO:25 (II151), SEQ ID NO:3 (Ala1), SEQ ID NO:15 (Ala5), SEQ ID NO:5 (Ala6), SEQ ID NO:6 (Ala7), SEQ ID NO:8 (Ala9), SEQ ID NO:9 (Ala13), SEQ ID NO:11 (Leu), SEQ ID NO:12 (Ala2), SEQ ID NO:13 (Ala3), SEQ ID NO:14 (Ala4), SEQ ID NO:4 (Ala4+5), SEQ ID NO:10 (Ala14), SEQ ID NO:7 (Ala8), and SEQ ID NO:16 (Ala10).

20. (Currently amended) An isolated nucleic acid encoding a mutant AL1 protein comprising the amino acid sequence of SEQ ID NO. 109~~the protein of claim 19.~~

21. (Previously presented) A vector comprising the nucleic acid of claim 20.

22. (Withdrawn) A plant cell comprising the vector of claim 21.

23. (Withdrawn) A plant comprising the vector of claim 22.

24. (Withdrawn) A plant comprising the plant cell of claim 21.

25. (Withdrawn) A method of making a transgenic plant comprising introducing the nucleic acid of claim 20 into a cell of a plant.

26. (Withdrawn) A method of making a transgenic plant comprising regenerating a plant from the plant cell of claim 22.

27. (Withdrawn) A method of combating geminivirus infection in an agricultural field, comprising planting the field with a crop of plants according to claim 23.

28. (Withdrawn) A method of combating geminivirus infection in an agricultural field, comprising planting the field with a crop of plants according to claim 24.